

## REMARKS

This is intended as a full and complete response to the Office Action dated April 26, 2004, having a shortened statutory period for response set to expire on July 26, 2004. Please reconsider the claims pending in the application for reasons discussed below.

In the specification, the paragraphs 0047 and 0053 have been amended to correct minor editorial problems. Figure 7 was amended to reflect the proper syntax of the complex condition in the illustrated search expression.

Claims 1-41 are pending in the application. Claims 1-17 and 30-61 remain pending following entry of this response. Claims 1, 8, 14, 30, and 34 have been amended. Claims 18-29 have been cancelled. New claims 42-61 have been added to recite aspects of the invention. Applicants submit that the amendments and new claims do not introduce new matter.

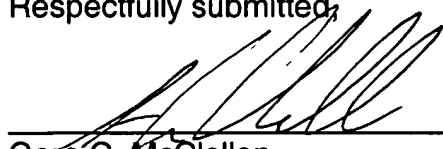
Claims 1-41 are rejected under 35 U.S.C. 102(e) as being *Prakash* by U.S. Patent Application Publication No. 2002/0123984 ('*Prakash*').

In light of the claim rejections, the rejections are now moot. In particular, Applicants submit that *Prakash* does not disclose user-selectable first level logic operators in addition to the formation of complex conditions with second level logic operators. At most, *Prakash* discloses complex queries in which all conditions (leaf or non-leaf) are ANDed. The OR button shown in Figure 10, for example, is for the creation of complex conditions only, not for relating a given condition to all other conditions in the search expression. This is confirmed by the fact that each instance of an OR appears only as a logic operator in a complex condition (a second level operator), not a first level operator relating a condition to all other between conditions in the search expression. Therefore, the claims are believed to be allowable and Applicants respectfully request that the rejection be withdrawn and the claims be allowed.

If the Examiner believes the claims are not allowable, the Examiner is kindly requested to call the attorney signing below for a telephone conference.

Having addressed all issues set out in the office action, Applicant respectfully submits that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,



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Technology Center 2100

Search Conditions

Action

And/Or

NOT

Condition

Edit Delete

☐

(Date of Birth <= 1942/01/01)

Edit Delete

AND

☐

(gender = male) AND (hemoglobin <= 5)

Add a condition

Group Conditions

Undo Grouped Conditions

Refresh Search Summary

Search Summary

(Date of Birth <= 1942/01/01)

AND (gender = male)

AND (hemoglobin <= 5)

Change Output Data

Change Output Format

Patient List

Run Search

Save Search

Cancel

Fig. 7